

EXPRESS MAIL NO. EL897870327US

PTO/SB/21 (08-00)

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**TRANSMITTAL
FORM**

(To be used for all correspondence after initial filing)


Application Number	09/622,147
Filing Date	October 30, 2000
First Named Inventor	Mohammed J. Absar
Group Art Unit	
Examiner Name	
Attorney Docket No.	851663.414USPC

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement; Form PTO-1449 <input type="checkbox"/> Cited References <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Declaration <input type="checkbox"/> Statement under 37 CFR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> CD(s), Number of CD(s) _____ <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Additional Enclosure(s) (please identify below): _____ _____ _____ _____
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual Name	E. Russell Tarleton	 00500 PATENT TRADEMARK OFFICE
Signature	<i>E. Russell Tarleton</i>	
Date	September 5, 2001	

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date specified below.

Typed or printed name		
Signature		Date:

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SEP 13 2001

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SEP 17 2001

Technology Center 2100

Technology Center 2600

**FEE TRANSMITTAL
for FY 2001**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) **240****Complete if Known**

Application Number **09/622,147**
 Filing Date **October 30, 2000**
 First Named Inventor **Mohammed J. Absar**
 Examiner Name
 Group Art Unit
 Attorney Docket No. **851663.414USPC**

METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number

 Deposit
Account
Name

19-1090**Seed Intellectual Property Law Group PLLC**

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 and credit any overpayment to Deposit Account Number above.
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	710	201	355	Utility filing fee	
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					(\$) 0

2. EXTRA CLAIM FEES

		Extra Claims	Fee from below	Fee Paid
Total Claims	47	-61** = 0	X 18	= 0
Independent Claims	6	-3** = 3	X 80	= 240
Multiple Dependent			X	= 0

<u>Large Entity</u>		<u>Small Entity</u>		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** <i>Reissue independent claims over original patent</i>
110	18	210	9	** <i>Reissue claims in excess of 20 and over original patent</i>

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	130	123	130	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

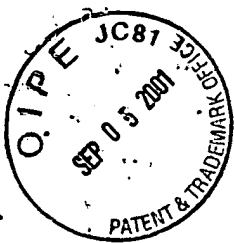
SUBTOTAL (3) (\$) 0

SUBMITTED BYName (Print/Type) **E. Russell Tarleton**Registration No. **31,800**
Attorney/Agent)Firm Name/
Address

Signature

*E. Russell Tarleton*Date **September 5, 2001****00500**

PATENT TRADEMARK OFFICE



EXPRESS MAIL NO. EL897870327US

PATENT

#8
SMC
9/18/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Mohammed J. Absar et al.
Application No. : 09/622,147
Filed : October 30, 2000
For : NEURAL NETWORK BASED METHOD FOR EXPONENT
CODING IN A TRANSFORM CODER FOR HIGH QUALITY
AUDIO

Art Unit : 2121
Docket No. : 851663.414USPC
Date : September 5, 2001

Commissioner for Patents
Washington, DC 20231

PRELIMINARY AMENDMENT

Commissioner for Patents:

Please amend the above-identified application as follows:

In the Claims:

Please amend claims 1-40 to read as follows:

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SEP 17 2001
Technology Center 2600

AI
1. (Amended) A method for processing data in an audio data encoder, the data including a sequence of exponent sets each comprising a plurality of exponents, the method comprising the steps of:

determining a first variation of exponent values within a first exponent set;

determining a second variation of exponent values between said first exponent set and each subsequent exponent set in said sequence; and

assigning an exponent coding strategy to the first exponent set based on the determined first and second variations.

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